WALKER URBAN DISTRICT COUNCIL.

MEDICAL OFFICER'S

ANNUAL REPORT,

1898.

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Walker Urban District Council.

MEDICAL OFFICERS' ANNUAL REPORT

For 1898.

WALKER-ON-TYNE,

February 27th, 1899.

TO THE CHAIRMAN AND MEMBERS OF THE WALKER URBAN DISTRICT COUNCIL.

GENTLEMEN,

The following is the Annual Report of your Medical Officers for the year ended December 31, 1898.

During the year almost daily visits have been made to some portions of the district, and monthly reports made to your Council.

Building Bye-Laws.

Building still continues as during the previous year, and there is the prospect of even greater progress during the next twelve months. It should be an object of special concern to your Council to see that all your Bye-laws regarding building are carried out, as a little attention now may save a great deal of trouble in the future.

Infectious Diseases.

From a study of Form A, your Council will be struck by the remarkable decrease in deaths from notifiable infectious diseases; while Phthisis, Measles, and Whooping Cough are the causes of death in no less than 22·6 per cent. of the whole total of deaths from natural causes. The percentage from Bronchitis and Pneumonia was 19·1, while from Phthisis and other Tubercular Diseases it was 24·6!

Whooping Cough and Measles were very prevalent during the year, and the latter was in many cases followed by Bronchitis or Broncho-pneumonia.

During the summer there were a great many mild cases of Scarlatina, and one case of Scarlatina Maligna, which proved fatal in a few hours.

Influenza was not very prevalent; but there were several cases of Rheumatic Fever, of which three proved fatal.

The total number of deaths from Zymotic diseases during the year, as compared with 1896 and 1897, was :—

	1896.	1897.	1898.
From diseases notifiable ...	7 ...	9 ...	7
Do. non-notifiable...	21 ...	8 ...	35
	28	17	42

The following table shews the number of deaths from the seven principal Zymotic diseases, and the proportion per 1,000 of the population estimated to the middle of each year :—

NUMBER OF DEATHS FROM THE SEVEN PRINCIPAL ZYMOTIC DISEASES.

Seven principal Zymotic Diseases.	Total Number of Deaths.										Annual Death-Rate per 1,000.									
	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898
Scarlatina	4	1	0	0	2	1	5	3	5	3	·3	·09	..	..	·1	·08	·4	·2	·4	·23
Measles	13	0	3	12	13	1	1	17	3	11	1·1	..	·2	1·0	1·1	·08	·08	1·4	·2	·84
Whooping Cough ...	1	10	8	4	11	2	5	1	1	14	·09	·9	·7	·3	·9	·16	·4	·04	·07	1·07
Fevers	9	1	2	3	2	1	3	2	3	4	·8	·09	·1	·2	·1	·08	·2	·16	·2	·30
Diarrhœa	4	5	3	2	4	2	5	3	4	10	·3	·4	·2	·1	·3	·16	·4	·2	·3	·76
Diphtheria	2	1	9	11	6	12	8	1	1	0	·1	·09	·7	·9	·5	1·0	·6	·04	·07	..
Small Pox	0	0	0	0	0	0	0	0	0	0	..	..	..	..	..	.	.	..	..	..
Total	33	18	25	32	38	20	27	27	17	42	3·0	1·6	2·2	2·7	3·2	1·6	2·2	2·16	1·3	3·23

Three persons were removed to the "City" Hospital for Infectious Diseases at Walker Gate. All recovered.

During the year 124 notifications of infectious disease were received, as against 121 during the previous year. These are tabulated in Form B of the Local Government Board. Of these cases, seven proved fatal. Notifiable Infectious Diseases.

	Notified.	Died.
Scarlatina	79 ...	3
Diphtheria	5 ...	0
Typhoid Fever ...	17 ...	0
Puerperal Fever ...	3 ...	4
Erysipelas	20 ...	0
	124	7

In addition to these, however, there were 35 deaths from Zymotic diseases not notifiable in this district :— Non-Notifiabl Infectious Diseases.

Measles	11	
Diarrhœa	10	
Whooping Cough...	14	
	—	35

Schools.

The Schools have not been closed through sickness during the past year.

Accidents.

The Shipyards have been very busy during the year, and there has been an increase in accidents. There were 10 deaths from injuries, but these were not all from the Shipyards.

Births and Deaths.

During the year there were registered 459 births and 308 deaths. Of the latter, 49 occurred in the "City" Hospital, and five among persons who did not belong to the district. Consequently, the natural increase is 459—254=205. In 1897 it was 266. Of the births registered 229 were males and 232 were females.

By referring to Table A it will be found that there were 10 deaths from injuries, so that 254—10=244 is the number of deaths due to natural causes. This gives a death rate of 18·76 per 1,000 for the year, and 19·5 per 1,000 as the rate from all causes; that of the Tynemouth Union from all causes was 19·7 per 1,000.

The relative mortality from all causes during the four quarters of the year, as compared with the corresponding periods of previous years, is shewn in the following table:—

	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	Year.
1888 ...	27·5	21·0	23·5	28·0	20·0
1889 ...	18·5	27·6	19·6	17·0	20·8
1890 ...	23·6	18·2	22·5	21·4	20·9
1891 ...	17·6	26·8	17·3	23·3	20·4
1892 ...	23·8	16·3	18·4	15·6	18·3
1893 ...	17·2	20·0	25·2	18·8	20·5
1894 ...	17·3	16·7	11·0	18·7	15·9
1895 ...	25·2	14·8	13·6	11·6	16·3
1896 ...	13·1	15·4	20·2	14·7	15·8
1897 ...	16·2	21·1	19·1	19·1	16·6
1898 ...	20·0	17·8	19·7	19·7	19·5

Infant Mortality.

The infant mortality still advances steadily. It was in—

1895 ...	69	1897 ...	75
1896 ...	66	1898 ...	85

A total of 85 means 1 in 5·4 of the births registered during the year. The ratio to the number of deaths from natural causes was 41·37 per cent., and the death rate 6·5 per 1,000 of the population generally.

The principal causes of death were Premature Birth and Congenital debility, 17; and Tubercular and Marasmic Disease, 21.

No legal proceedings were instituted during the year in respect of any nuisance. Nuisances.

Appended will be found Forms A and B of the Local Government Board, and a list of notices served by your Inspector of Nuisances. The statistics are computed upon an estimated population of 13,000.

We are, Gentlemen,
Your obedient Servants,
H. FRAZER HURST,
Medical Officer of Health to 30th Sept., 1898.

F. N. GRINLING,
Medical Officer of Health from 1st Oct., 1898, *to 31st Dec.*, 1898

(A) TABLE OF DEATHS during the Year 1898, in the WALKER-ON-TYNE Urban District, classified according to DISEASES, AGES, and LOCALITIES.

NAMES of LOCALITIES adopted for the purpose of these Statistics; public institutions being shown as separate localities (*Columns for Population and Births are in Table B.*)	Mortality from all causes, at subjoined Ages.							Mortality from subjoined causes, distinguishing Deaths of Children under Five Years of Age.																					
												Fevers.																	
	At all Ages.	Under 1 Year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.		Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.	Cholera.	Erysipelas.	Measles.	Whooping Cough.	Diarrhœa and Dysentery.	Rheumatic Fever.	Phthisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.	*	Injuries.	All other Diseases.	TOTAL.
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
WALKER-ON-TYNE	254	85	45	12	11	72	29	Under 5	0	3	0	0	0	0	0	0	0	0	0	10	14	9	0	1	25	1		0	67	130
								5 upwds	0	0	0	0	0	0	0	0	4	0	0	1	0	1	3	20	14	17		10	54	124
NEWCASTLE-ON-TYNE "CITY" HOSPITAL FOR INFECTIOUS DISEASES	49	1	11	18	8	11	0	Under 5	0	7	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0		0	0	12
								5 upwds	0	1	1	0	0	32	0	0	0	0	0	0	0	0	1	0	0	0		0	2	37
TOTALS	303	86	56	30	19	83	29	Under 5	0	10	4	0	0	1	0	0	0	0	0	10	14	9	0	1	25	1		0	67	142
								5 upwds	0	1	1	0	0	32	0	0	4	0	0	1	0	1	4	20	14	17		10	56	161

The subjoined numbers have also to be taken into account in judging of the above records of mortality.

Deaths occurring outside the district among persons belonging thereto....	0	0	0	0	0	0	0	Under 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
								5 upwds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deaths occurring within the District among persons not belonging thereto	5	0	0	0	0	5	0	Under 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
								5 upwds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	

* The heading of column 19 is left blank for the insertion of Influenza, or any other disease which it may be thought desirable to record.

Area and Population of the District or Division to which this Return relates :—

Area in Acres.. 1,200
Population (1891).....11,360
,, (Estimated to middle of 1898).....13,000

(B) TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, during the year 1898, in the WALKER-ON-TYNE Urban District; classified according to DISEASES, AGES, and LOCALITIES.

NAMES OF LOCALITIES adopted for the purpose of these Statistics; Public Institutions being shown as separate localities.	Population at all Ages.		Registered Births.	Aged under 5 or over 5.	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.													Number of such Cases Removed from their Homes in the several Localities for Treatment in Isolation Hospital.												
									Fevers.												Fevers.								
	Census 1891.	Estimated to middle of 1898.			Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.	Cholera.	Erysipelas.			Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.	Cholera.	Erysipelas.		
(a)	(b)	(c)	(d)	(e)	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	6	7	8	9	10	11	12	13
WALKER	11,360	13,000	459	Under 5 ..	0	31			0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				5 upwards..	0	48	5	0	0	14	0	0	3	0	20	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
TOTALS	11,360	13,000	459	Under 5 ..	0	31	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				5 upwards..	0	48	5	0	0	14	0	0	3	0	20	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0

Notification of Infectious Disease has been compulsory in the District since December 15th, 1889.

Isolation Hospital :—Newcastle-on-Tyne "City" Hospital for Infectious Diseases, at Walker Gate, within the District.